

Amendments to the Specification:

Please replace paragraph the on page 1, starting at line 20, with the following amended paragraph:

--Current systems can utilize an audio-capable computer and/or a telephone connected to a public switched telephone network (PSTN) (~~PTSN~~) on either or both ends of the voice-over-IP system. In other words, the endpoints of a two party system could include (1) an audio-capable computer at the calling end of the system and an audio-capable computer at the called end of the system, (2) a telephone connected to a public switched telephone network at the calling end of the system and a telephone connected to a public switched telephone network at the called end of the system, (3) a telephone connected to a public switched telephone network at the calling end of the system and an audio-capable computer at the called end of the system, or (4) an audio-capable computer at the calling end of the system and a telephone connected to a public switched telephone network at the called end of the system.--

Please insert on page 4, line 18, the following sentence:

--FIG. 6 is a drawing of the network interface module shown in FIG. 1.--

Please replace paragraph the on page 5, starting at line 10, with the following amended paragraph:

--FIG. 1 is a drawing of an instrument system 100 as described in various representative embodiments consistent with the teachings of the invention. In FIG. 1, the instrument system 100 includes an electronic instrument 105 connected to a network interface module 110 via a first connector 115, also referred to herein as a data connector 115. The network interface module 110 and the electronic instrument 105 interchange instrument data 1105 (FIG. 11) via the first connector 115. The network interface module 110 and a voice module 120 interchange voice data 1100 (FIG. 11) via a second connector 125, also referred to herein as a voice connector 125, wherein the voice data is in the form of an electronic signal. Voice module 120 or network interface module 110 provides a data conversion function wherein the analog voice data is converted to digital information and compressed into IP packets, and also provides the reverse functionality wherein the incoming voice data IP packets are converted back into analog signals. The network interface module 110 combines instrument 1105 (FIG. 11) and voice data 1100 (FIG. 11) into the outgoing data stream 1100 (FIG. 11), and separates the incoming data stream 1100 (FIG. 11) into its voice 1110 (FIG. 11) and instrument data 1105 (FIG. 11) components. The network interface module 110 and a network 130 interchange combined voice and instrument data 1100 (FIG. 11) via a third connector 135, also referred to herein as a network connector 135.--

Please replace the paragraph on page 10, starting at line 27, with the following amended paragraph:

--FIG. 5 is a drawing of yet another instrument system 100 as described in various representative embodiments consistent with the teachings of the invention. In FIG. 5, the voice module 120 is shown as physically separated from the electronic instrument 105 and the network interface module 110. The voice module 120 is further shown as a conventional telephone 120. Various components of the telephone are shown, as for example, handset 310 connected to the telephone base 505. The telephone base 505 would house the voice-module electronics 305 indicated in Figure FIGS. 3 and 4. Handset 310 connects to the voice-module electronics 305 via handset cord 315 and the voice-module electronics 305 connects to the network interface module 110 via telephone cord 515 which could be, for example, plugged into a telephone jack 520 attached to the voice-module electronics 305.--